

REMARKS

By this Amendment, the applicant amends Claim 16-17, 20, and 22-31. Claims 16-31 are pending in the application.

A replacement claim, for each amended claim, is attached herewith.

Respectfully submitted,

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16. A method, using a receiver, comprising the steps of:
processing a header in a spread-spectrum signal, to
generate a reference signal;
despread a multichannel-spread-spectrum signal
embedded in the spread-spectrum signal as a plurality of
received spread-spectrum channels, respectively; and
multiplexing the plurality of received spread-spectrum
channels as received data.

17. The method as set forth in claim 16, with the step of
processing the header further including the steps of:
detecting, at a processing frequency, the header in
the spread-spectrum signal;
outputting, responsive to detecting the header, a
header-detection signal; and
generating, responsive to the header-detection signal,
control and timing signals.

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20. The method as set forth in claim 16, further including,
before the step of processing the header, translating the
spread-spectrum signal from a carrier frequency to a processing
frequency.

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22. A receiver comprising:
header-detection means for processing a header in a
spread-spectrum signal, to generate a reference signal;

receiver-spread-spectrum means, coupled to said header-detection means for despreading a multichannel-spread-spectrum signal embedded in the spread-spectrum signal as a plurality of received spread-spectrum channels, respectively; and

multiplexing means, coupled to said receiver-spread-spectrum means, for multiplexing the plurality of received spread-spectrum channels as received data and for outputting the received data to a data output.

23. The receiver as set forth in claim 22, with said header-detection means including means for detecting, at a processing frequency, the header in the spread-spectrum signal and for outputting, responsive to detecting the header, a header-detection signal, and for generating, from the header-detection signal, control and timing signals.

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24. The as set forth in claim 22 or 23, further including, after said multiplexing means, receiver-memory means for storing the received data.

25. The receiver as set forth in claim 22 or 23, further including, after said multiplexing means, decoding means for decoding the received data.

26. The receiver as set forth in claim 22, further including translating means for shifting the packet-spread-

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spectrum signal from the carrier frequency to a processing frequency.

27. A receiver comprising:

a header-detection device for processing the header in a spread-spectrum signal to generate a reference signal;

receiver-spread-spectrum means for despread ing a multichannel-spread-spectrum signal embedded in the spread-spectrum signal as a plurality of received spread-spectrum channels, respectively; and

a multiplexer, coupled to said receiver-spread-spectrum means, for multiplexing the plurality of received spread-spectrum channels as received data.

28. The receiver as set forth in claim 27, with said header-detection device further including means for detecting, at the processing frequency, the header in the spread-spectrum signal, for outputting, responsive to detecting the header, a header-detection signal, and for generating, from the header-detection signal, control and timing signals.

29. The receiver as set forth in claim 27 or 28, further including, after said multiplexer, a receiver memory for storing the received data.

30. The receiver as set forth in claim 27 or 28, further including, after said multiplexer, a decoder for decoding the received data.

31. The receiver as set forth in claim 27, further including a translating device for translating the packet-spread-spectrum signal from the carrier frequency to a processing frequency.

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